

Sp<sup>2</sup> Product Details . . .

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**Polyacrylonitrile**

Catalog # : 134

CAS : 25014-41-9

Physical Form : Powder

Approx Mw : 150,000

Density (g/cc) : 1.184

Refractive Index : 1.5187

Relative viscosity : 1.45

Tm (C) : 317

TSCA : TSCA listed

Tg (C) : 125

Misc : Solubility parameter 15.4

Soluble in : Adiponitrile, DMAC, DMF, DMSO

**Search:**

- ☒ by Keyword
- ☐ by Catalog #
- ☐ by C.A.S.

Catalog #	Size	Price	Quantity	MSDS	
134	100gm	\$32.00	1	MSDS	<input type="button" value="Add to Cart"/>
134	250gm	\$64.00	1	MSDS	<input type="button" value="Add to Cart"/>

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## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("6558840").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/04 11:04
S2	2	("6558840").PN.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2006/11/29 18:15
S4	2	jp-10106530-\$.did.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2006/11/30 11:13
S5	1	10/551934	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 11:13
S6	1	S5 and core	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 14:01
S7	5	("20030118896" "20040115523" "5882721" "5948464" "6558840").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 14:42
S8	2	S7 and core	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 13:57
S9	49740	"429"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 14:01
S11	0	S9 and core-cell adj type	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 14:02
S12	18	S9 and core adj shell adj type	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 14:02
S13	17	S9 and core-shell adj type	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 14:02
S14	18	S12 S13	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 14:03
S16	1	10/551934	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 14:43
S17	1	S16 and porous with separator	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 15:39

## EAST Search History

S18	1	S16 and filler	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 12:37
S19	1	S16 and plurality with film	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 15:19
S20	22	S9 and hampden-smith.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 15:19
S22	22	S20 and particle adj size	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 15:20
S23	1	S16 and adhesive	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 15:44
S24	26	S9 and (bm500b ad-211 bm-500b bm adj 500b)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 15:49
S25	26	S9 and (bm500b ad-211 ad adj "211" ad211 bm-500b bm adj 500b)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 15:50
S26	85	S9 and zeon	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 15:50
S27	39	S9 and zeon same binder	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 16:30
S28	585	S9 and binder same (acrylonitrile acrylate methacrylate)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 16:31
S29	425	S9 and binder with (acrylonitrile acrylate methacrylate)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 16:31
S30	36	S9 and separator same binder with (acrylonitrile acrylate methacrylate)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 16:38
S31	72	S9 and (core adj shell core-shell)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 16:43
S32	4	S9 and (core adj shell core-shell) same separator	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 16:39
S33	1	09/380500	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 17:11

## EAST Search History

S34	950	S9 and separator with binder	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 17:11
S35	414	S9 and separator near5 binder	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 17:11
S36	145	S9 and separator with (filler inorganic solid) with binder	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 17:12
S37	63	S9 and separator with (filler inorganic solid) with binder same (pore porosity porous void)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 17:14
S38	447	S9 and separator with pore adj size	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/30 17:14
S39	284	429/145.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 12:05
S40	43	S39 and separator with pore adj size	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 12:00
S41	164	429/134.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 12:07
S42	5	S41 and particle adj size	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 12:06
S43	3507	429/129-147.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 12:07
S44	6	S43 and separator same particle adj size with two	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 12:08
S45	1	10/551934	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 12:37
S46	1	S45 and elongation	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 12:38
S47	1	S45 and elongating	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 13:54
S48	1	10/551934	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 13:54

## EAST Search History

S50	1	S48 and content with filler	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 14:43
S51	1	S48 and decomposing	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 14:43
S52	1	S48 and decompos\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 14:43
S53	1	S48 and temperature	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 17:22
S54	1	10/551934	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 17:23
S55	1	S54 and particle adj size	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 17:54
S56	3507	429/129-147.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 17:55
S57	2	S56 and binder with decomposition adj temperature	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 17:56
S58	49740	"429"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/01 17:56
S59	39	S58 and binder with decomposition adj temperature	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 09:50
S60	3	((("4261781") or ("0321451"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/04 10:15
S61	451	156/254.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 10:15
S62	36	S61 and cell	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 10:16
S63	1	S61 and (battery electrochemical adj cell)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 10:16
S64	49740	"429"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 11:04

## EAST Search History

S65	291	S64 and binder same melting adj (temperature point)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 11:04
S66	159	S64 and binder with melting adj (temperature point)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 11:04
S67	32	S64 and binder near5 melting adj (temperature point)	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 11:08
S68	1	10/551934	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 11:08
S69	1	S68 and melting	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/04 11:08